

**WHAT IS CLAIMED IS:**

1           1.       A file list display apparatus, comprising:

2           an input unit for inputting a display command for displaying a sub-list having a  
3       predetermined number of files selected in an entire list of the files recorded in a recording  
4       medium;

5           a display unit for displaying the sub-list; and

6           a controller for creating the sub-list from the entire list, and controlling the display unit to  
7       successively display each of the sub-lists different from each other through the display unit  
8       whenever the display command is input through the input unit.

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The file list display apparatus according to claim 1, wherein each of the sub-list is  
created by grouping the files successively listed in the entire list by the predetermined number of  
the files.

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The file list display apparatus according to claim 2, wherein the display command  
includes:

3           a forward display command for successively displaying the sub-list according to a  
4       forward list order of the files; and

5           a backward display command for successively displaying the sub-list according to a  
6       backward list order of the files.

7           4.     The file list display apparatus according to claim 3, wherein the input unit is a  
8 manipulation panel having a plurality of manipulation buttons for inputting the display command.

1           5.     The file list display apparatus according to claim 4, wherein the display command  
2 is input by a combination of no more than two of the manipulation buttons.

1           6.     The file list display apparatus according to claim 5, wherein  
2 the manipulation buttons include a forward skip button, a backward skip button and a  
3 mode set-up button, and  
4 the forward display command is input by a combination of the forward skip button and  
5 the mode set-up button, and the backward skip button is input by a combination of the backward  
6 skip button and the mode set-up button.

1           7.     The file list display apparatus according to claim 6, wherein  
2 the forward skip button is a button for inputting an update command for updating one of  
3 the files in the sub-list according to the forward list order, and  
4 the backward skip button is a button for inputting an update command for updating one of  
5 the files in the sub-list according to the backward list order.

1           8.     The file list display apparatus according to claim 7, further comprising a cursor  
2 button for selecting at least one of the files in the sub-list,

3 wherein the updating of the files by the forward skip button and the backward skip button  
4 is performed in regard to the files selected by the cursor button.

1 9. The file list display apparatus according to claim 1, further comprising:  
2 a detection unit for detecting the entire list from the recording medium; and  
3 a storage unit for storing the entire list detected by the detection unit, wherein the  
4 controller creates the sub-list from the entire list stored in the storage unit.

10. A file list display method, comprising the steps of:  
reading an entire list of files recorded in a recording medium;  
creating a sub-list having a predetermined number of files selected in the entire list  
whenever a display command is input; and  
successively displaying each of the sub-lists different from each other created in the  
creating step whenever the display command is input.

1 11. The file list display method according to claim 10, wherein each of the sub-list is  
2 created by grouping the files successively listed in the entire list by the predetermined number.

1 12. The file list display method according to claim 11, wherein the display command  
2 includes:  
3 a forward display command for successively displaying the sub-list according to a list

4 order of the files; and

5 a backward display command for successively displaying the sub-list according to a  
6 backward list order of the files.

1 13. The file list display method according to claim 10, further comprising a step of  
2 storing the entire list after the reading step,  
3 wherein, in the creating step, the sub-list is created from the stored entire list.

4 14. A method of controlling a file list display apparatus having a plurality of files of  
5 data recorded on a vast-capacity recording medium, said method comprising:  
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7 detecting all the files recorded on said vast-capacity recording medium;

8 storing a list of said detected files in a storage unit separate from the vast-capacity  
9 recording medium;

10 creating a sub-list of said list stored in said storage unit

11 displaying said sub-list;

12 detecting an input of a display command or a skip command;

displaying a next sub-list or a previous sub-list, when said display command is detected;

displaying, when said skip command is detected, said list in a forward or backward  
sequential one-by-one scrolling manner having no more than a predetermined number of files in  
said list displayed at any one time.

1           15.     The method as set forth in claim 14, said skip command being detected by  
2     determining whether a rewind button or a fast forward button has been activated.

1           16.     The method as set forth in claim 14, said display command being detected by  
2     detecting activation of a mode button in combination with activation of a rewind button and a fast  
3     forward button.

1           17.     The method as set forth in claim 14, said display command being detected by  
2     detecting activation of either of a rewind button and a fast forward button when a mode button is  
3     in an on state, and said skip command being detected by detecting activation of either of said  
4     rewind button and said fast forward button when said mode button is in an off state.

1           18.     The method as set forth in claim 14, each said sub-list comprising a different  
2     group of said files, each said group comprising said predetermined number of files.

1           19.     The method as set forth in claim 14, wherein said files are grouped sequentially to  
2     form said sub-lists.

1           20.     The method as set forth in claim 18, wherein said files contain music data and are  
2     grouped according to a one of a song title, an album a song came from, an artist who did the song  
3     or a song's genre.